

WHAT IS CLAIMED IS:

1. A fluid applicator device, which comprises:

5 (a.) a handle member, said handle member being a container member adapted to receive and store a fluid, said handle member having an opening, and having a closure device openable and closeable at said opening for insertion of at least one of a fluid, and a fluid-containing cartridge, said handle member having a dispensing end connected to a dispensing member;

10 (b.) said dispensing member being elongated and substantially cyclindrical, said dispensing member being connected to said handle member so as to receive fluid therefrom, said dispensing member having a plurality of apertures to create a dispensing manifold;

15 (c.) a hollow applicator member located about said dispensing member, said hollow applicator member being an absorbent, deformable, resilient, sponge-like material, said hollow applicator member being rotatably connected to said dispensing member, said hollow applicator member having a large contact portion with a first outer diameter and having a small contact portion with a second outer diameter, said second  
20 outer diameter being at least 20% smaller than said first outer diameter;  
and

(d.) a fluid dispensing means located at said handle and adapted to move fluid from said handle member to said dispensing member to said hollow applicator member via said dispensing manifold.

5                    2.        The fluid applicator device of claim 1 wherein said handle member and said dispensing member are formed of a single component.

                    3.        The fluid applicator device of claim 1 wherein said handle member and said dispensing member are formed of two separate  
10                   components connected to one another.

                    4.        The fluid applicator device of claim 1 wherein said fluid dispensing means is a telescopic pumping mechanism wherein said handle member comprises at least two components telescopically  
15                   connected to one another whereby compression caused by closing said components pumps fluid from said handle member to said dispensing member and through said manifold to said hollow applicator member.

                    5.        The fluid applicator device of claim 1 wherein said fluid  
20                   dispensing means is a squeeze pump and said handle member has a flexible structure that may be squeezed for dispensing fluid.

6. The fluid applicator device of claim 1 wherein said fluid dispensing means is a piston and piston drive.

7. The fluid applicator device of claim 6 wherein said piston drive is a rotatable, threaded component connected to said piston.

8. The fluid applicator device of claim 6 wherein said piston drive is a slider connected to said piston.

9. The fluid applicator device of claim 7 wherein said piston drive includes a segmented track for metering said piston drive for controlling dispensed fluid volume.

10. The fluid applicator device of claim 8 wherein said piston drive includes a segmented track for metering said piston drive for controlling dispensed fluid volume.

11. The fluid applicator device of claim 1 wherein said dispensing member has a single diameter and said hollow applicator member has a single inside diameter adapted to fit said dispensing member, and said hollow applicator member has a first thickness at said large contact position and a second thickness at said small contact

position, wherein said first thickness is greater than said second thickness.

12. The fluid applicator device of claim 1 wherein said  
5 dispensing member has a first outer diameter position and a second outer diameter position, and said first outer diameter position is greater than said second outer diameter position, and said hollow applicator fits over both said first outer diameter position and said second outer diameter position.

10 13. The fluid applicator device of claim 1 wherein said device further includes rotation means connected to said dispensing member and said hollow applicator member, and is rotatable relative to at least one of said dispensing member and said hollow applicator member.

15 14. The fluid applicator device of claim 13 wherein said rotation means is a rotatable sleeve.

20 15. The fluid applicator device of claim 13 wherein said rotation means is a plurality of bearings.

16. The fluid applicator device of claim 13 wherein said rotation means is at least one ring.

17. The fluid applicator device of claim 16 wherein said at least one ring is a flexible seal O-ring.

5 18. The fluid applicator device of claim 17 wherein there are at least two said flexible seal O-rings.

19. The fluid applicator device of claim 1 wherein said device further includes an applicator member cover adapted to fit over said  
10 hollow applicator member.

20. The fluid applicator device of claim 19 wherein said cover includes attachment means for securing said cover to said handle member when it is removed from said hollow applicator member.

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